

**HK2220-B-L271** [↗](#)

Drawn cup needle roller bearing open end

Drawn cup needle roller bearings with open ends HK, to DIN 618/ISO 3245

## Technical information



## Your current product variant

Lubricant	L271	Grease (L271/standart specific)
Lubrication hole	Without	
Coating	Without	
Type of Seal	Without	

## Main Dimensions &amp; Performance Data

$F_w$	22 mm	Under roller diameter
D	28 mm	Outside diameter
C	20 mm	Width
$C_r$	16.500 N	Basic dynamic load rating, radial
$C_{0r}$	29.000 N	Basic static load rating, radial
$C_{ur}$	3.950 N	Fatigue load limit, radial
$n_G$	11.700 1/min	Limiting speed
$n_{G \text{ Grease}}$	7.000 1/min	Limiting speed for grease lubrication
$n_{gr}$	8.500 1/min	Reference speed
$\approx m$	22,87 g	Weight

## Dimensions

$C_1$	20 mm	Width, outer ring
$r_{min}$	0,8 mm	Minimum chamfer dimension



### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	140 °C	Operating temperature max.

### Additional information

SD22X28X4	Sealing ring
G22X28X4	Sealing ring 2
IR17X22X23-XL	Suitable inner rings IR

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope